A Screen That Protects It Against a Too Brilliant Light.

The eagle that stares proudly at the sun has now been found to be no figment of tradition.

M. de Chardonnet, in a paper communicated to the French Physical soclety, has shown that the eagle's eye has a special apparatus adapted to this feat, though it seems probable that he is not the only bird with this useful

The apparatus is not, however, the "nictitating membrane" which all of us have perceived in looking even at the barnyard fowl. That is a mechanism designed merely to wipe the eye and to keep it clear of dust.

M. de Chardonnet's discovery was made while he was studying the transparency of the central part of the eyes of animals. He had already noticed that the eyes of night birds, such as owis, were more transparent than any other for ultra violet rays, and he had tried to push the experiments further by ascertaining whether they would be affected by ultra violet rays alone.

These experiments failed because of the absence of responsiveness on the part of the birds, which did not appear to manifest any sensation in passing from darkness to light, whether this list was visible to human eyes or not. M. de Chardonnet's failure led him to inquire whether there was any organ of which he was ignorant in the bird's eye, such as would intervene in such circumstances.

While dissecting a bird's eye he was struck to find an organ to which French naturalists have given provisionally the name of the peigne or comb. A better idea of its function would be obtained by calling it a para-

This organ is formed of a very thin membrane, black-opaque and situated in the eve where the optic perve penctrates it. The structure of this membrane is such that the retina is completely masked when the "parasol" is open. It is reasonable to suppose that the parasol is therefore a screen to protect the eye against a too brilliant light, whether the light is visible in the ordinary sense or whether it consists of ultra violet rays.

FINLAND SUMMERS.

Effect of the Famous "White Nights" Upon Vegetation.

The famous "white nights" of the north are a most surprising phenomenon to the visitor from southern climes It is a weird experience, declares A. M. Scott in "Through Finland," to sit for the first time upon a veranda at midnight and read a newspaper or to walk home from a restaurant at 1 the reliefs of elevations, south of For the eulogy spoken when hearts o'clock in the morning and to see peo- the Arkansas river, have the structure ple still gossiping at the street corners of hugh hills and small mountains. A or strolling along the promenades under a bright, clear sky.

A spirit of rest and peace is over all the earth. The sky is bright, not with the flery brilliancy of noon, but with a tender, gentle radiance. The colors of the landscape have become softened. but not blended. There are no shadows save for a week or two in June. when the bright northern sky at midnight projects faint, ghostlike shadows toward the south. The sun just dips strongly folded and are sometimes below the horizon and no more. There is no division between the sunset and faulted. Here too we find rocks the dawn. The same rosy flush serves for both

Summer in Finland is, in fact, one long day. Never a star is to be seen, and when the first faint star glimmers in the south it is a sign that the summer is past and that the autumn frosts have arrived.

The long light has a marvelous effect upon vegetation, forcing its growth at hothouse pace. 'The "white nights" account both for the suddenness of the burgeoning and for the intensity of the heat. Land and water have no time to cool. One cannot fail to be struck with the enormous size of the foliage upon the oak and hawthorn trees as compared to that to which we are accustomed. Botanists have explained this as being due to the larger supply of light. It has sometimes been suggested that we may hasten the harvests by the use of artificial lights. Nature herself does this for the Finnish farmer.

The Broadax.

A city man who went out into the Ozarks to learn to make railroad ties was asked by a native whether he was right or left handed.

"If you are left handed," he was told, "you will have to get a left handed

The city man replied: "I'm wise to this left handed monkey wrench business. I'm from the city, but I know there is no such thing as a left handed broadax." But he was wrong. A broadax is beveled on one side only. A left handed man must have an ax with the bevel on the left side.-Karsas City Times.

All Against Him.

A tailor who was defendant in a esse tried in court seemed much cast flown when brought up for trial.

"What's the trouble?" whispered his counsel, observing his client's distress as he surveyed the jurymen.

"It looks pretty bad for me," said the defendant, "unless some steps are taken to dismiss that jury and get in a new lot. There ain't a man among em but what owes me money for elothes."

Vain Regrets.

Mrs. Benham-How much did you pay the minister when we were married? Benham-Don't ask me. 1 hate to admit that I paid him anything .--New York Press.

Honors come by diligence; riches spring from economy.-Davis.

Dean Swift's Complaint. It is no new thing, this com which one hears of the high co Writing to Stella from L

living. don in the year 1710, Dean Swift marks: "I lodge in Bury street, St. lames, where I removed a week I have the first floor, the dining ro and bedchamber at 8 shillings a week; plaguy deep, but 1 spend nothing for eating, never go to a tavern and very seldom in a coach, yet, after all, it will be expensive."

Knew of One. Traveler (delayed in Drearyhurst by

washout)-Are there any objects of curiosity in this village? Uncle Welby Gosh-Well, I reckon I've got as much curiosity as ary objick you'll find. Where are you goin', mister, an' what do you foller fur a livin'?-Chicago Tribune.

Got the Time.

A man was so cross eyed that he put his hand into another man's pecket and abstracted therefrom a watch. He wanted to learn the time. The judge told him it would be three years.

A Nuisance. Father-What do you mean, my son by saying that your teacher is a nuisance? Theobald-Well, that's what you call me when I ask questions, an' teacher does nothin' else.

Lofty Expectations. "Is your husband all you thought he

"Just about. But he doesn't come close to being all he thought he was."

Ladies, Take Notice.

painted it, but it stood out against We can clean and press your coat suits, skirts, jackets, cloaks or wraps. a back-ground like a magnificent aure ole, such as the artist had neither also clean your kid gloves and muffs. All work guaranteed. Prices reason- painted nor thought of. Hartford Pressing Club.

Educational Department Turn to the map, page 74, of the Natural Complete Geography. Now locate the Ozark Mountains. They are the most rugged part of the Central Lowland. This elevation of land, called the Ozark Mountains or Ozark region, extends southward and west- in January National Magazine ward from the Iron Mountains of Missouro far into Ark. The history of this region is quite interesting. The region is divided into two parts. That part north of the Arkansas R. many of these features it still retains. If you've anything good to say of sired. It is also quite deeply trenched by nu merous winding streams. We find that few of these are of a more gigantic Ah! the blighted flower now droopstructure. West of the Ozarks there are valuable lead and zink deposits. Here great elevations occur in the Iron If the sun's glad ray had but shone Mountain region, Locate the Boston Mountains. In these mountains the stratas are chiefly horizontal, and the book "Heart Throbs," in Naalso very deeply channeled. To the tional Magazine for Jahuary. south we find that the rocks are faulted. Here too wef ind rocks erode into long parallel mountain ridges Washington, D. C. J. H. Lindsey, The Kevil, Harrow. For copy of above patwith intervening valleys. ridgecs to the southward are also ent send ten cents in postage stamps very curiously carved and faulted, with date of this paper to C. A. Since we consider this region as being Snow & Co., Washington, D. C. two districts, the northern and the southern, the former we shall call the Ozark Plateaus, and the latter, the Ozark Ranges, while we have all heard

Hot Springs, we would all do well to read more of that interesting region for one should be able to learn much that is of practical benefit to the student of Geography. Children Cry

of the Ozark Mountains, Arkansas an

FOR FLETCHER'S CASTORIA

Southern Improvement. The following patents were issued

this week to Southern inventors reported by D. Swift & Co., Paten Lawyers, Washington, D. C., Kentucky-E. Moraweck, Louisville

surgical forceps. Tennessee-W. B. Peak, Pinhook Landing, obsterical bed; L. Stowe, Knoxville, Ironing board; J. C. Tasset Nashville, boiler tube expander.

West Virginia-T. A. J. Hendricks, board tree, railway tie plate.

Copies of any of the above patents will be sent to any of our readers upon receipt of ten cents by D. Swift & Co., Washington, D. C., our spe cial patent correspondents.

A Remarkable Picture That Baf- dinner that fles Science.

A remarkable painting, a representation of the Christ, exhibited at the Alaska-Yukon-Pacific Exposition, was purchased by Dr. W. L. Wright of the country for exhibition at religious and other gatherings. The canvas has peculiarities for which neither chemists nor clerics can account.

Viewed in the full light of day, SURE CURE is a splendid religious picture of the usual type, but after nightfall For All Diseases of when the room is darkened, th clouds in the background of the STOMACH, painting emit a vivid glow, which throws out the figure of the Chris LIVER & KIDNEYS and shine around the head like

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every modest woman.

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resumed his painting, and sought to

convey his thought to the canvas;

he felt that this time he was succeed-

ing. One evening, he entered the room

and observed a peculiar light, which

emanated from the picture on his eas-

el. Before him was the shadowy

form of the Christ, just as he had

He decided that it would be sacri-

legious for a human hand to make

discussed, but the mysterious illum-

ination of the picture has never been

satisfactorily explained.—Joe Mitchell

Chapple in "Affairs at Washington'

Chlidren Cry

FOR FLETCHER'S

CASTORIA

Don't wait till he's laid to rest,

Would perfume the mountain-side,

And the pretty bud espled .- From

Kentucky Patents.

A. Snow & Co., Patent Attorneys,

Granted this week. Reported by C.

a man,

are broken

ing lonely

today

Is an empty thing at best.

halo. The artist did not himself dis-Here's A cover this singular feature of his work until he had almost completed BARCAIN it. At the suggestion of a friend, a Biblical lecturer, he had begun the For You! work, but for some time felt dissatisfied, and at last put the painting aside. One day a new idea of the DAILY subject came to him and he at once

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Monday in January, April, July and Oc-Court of claims—Convenes first Tuesday in January, and on the first Tuesday, in October,

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W. R. Edge, Fordsville-March 25, June 2, September 27, December 28.
B. S. Chamberlain, Beda-March 29, June 25, September 25, December 29, Herbert Render, Centertown-March 30, June 29, September 29, December 30, June 29, September 29, December 30, June 29, September 30, December 31, December HARTFORD POLICE COURT.

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Hartford Tent No. 99, K. O. T. M. meets every Thursday night, E. B. Pendleton Commander; L. P. Foreman Record Keeper.

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Preston Morton Post No. 4, G. A. B. holds regular meetings Saturday bet the first Sunday in each month. Ashford Mills, Commander; J. M. Rogers Adjt.

Ohio Tribe No. 188, Imp. Order Red Men, meets second and fourth Wednes day nights in each month. C. E. Morrison, Sachem; A. E. Pate, Chief of Records,

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